



AS90-0420
0420
BIOTECHNOLOGY
SYSTEMS
BRANCH

RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/050,189
Source: OIPE
Date Processed by STIC: 2/7/2002

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 3.1 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<http://www.uspto.gov/ebc/efs/downloads/documents.htm>), EFS Submission User Manual - ePAVE
2. U.S. Postal Service: U.S. Patent and Trademark Office, Box Sequence, P.O. Box 2327, Arlington, VA 22202
3. Hand Carry directly to:
U.S. Patent and Trademark Office, Technology Center 1600, Reception Area, 7th Floor, Examiner Name, Sequence Information, Crystal Mall One, 1911 South Clark Street, Arlington, VA 22202
Or
U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202
4. Federal Express, United Parcel Service, or other delivery service to: U.S. Patent and Trademark Office, Box Sequence, Room 1B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

Revised 01/29/2002



OIPE

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/050,189

DATE: 02/07/2002
TIME: 07:37:30

Input Set : A:\EP.txt
Output Set: N:\CRF3\02072002\J050189.raw

Does Not Comply
Corrected Diskette Needed

1 <110> APPLICANT: Rubin, Berish Anderson,
W--> 2 <120> TITLE OF INVENTION: Detection of Mutations in a Gene Encoding IKB Kinase-
Complex-
W--> 3 <130> FILE REFERENCE: Rubin 201-KGB<160>
W--> 4 <140> CURRENT APPLICATION NUMBER: US/10/050,189
W--> 0 <160> NUMBER OF SEQ ID NOS:
4 <170> SOFTWARE: PatentIn version 3.0<210> 1<211> 19<212> DNA<213> Homo

ERRORED SEQUENCES

9 <210> SEQ ID NO: 2<211> 20<212> DNA<213> Homo sapiens<400> 2
W--> 10 <211> LENGTH:
W--> 10 <212> TYPE:
W--> 10 <213> ORGANISM:
E--> 10 <400> SEQUENCE:
10 gattctcagc tttctcatgc
13 <210> SEQ ID NO: 3<211> 18<212> PRT<213> Homo sapiens<400> 3
W--> 15 <211> LENGTH:
W--> 15 <212> TYPE:
W--> 15 <213> ORGANISM:
E--> 15 <400> SEQUENCE:
15 Asp Pro Val Ser Arg Glu Val Lys Asn Glu Val Ser Leu Val Ala Glu
16 1 5 10 15
18 Gly Phe
21 <210> SEQ ID NO: 4<211> 7<212> DNA<213> Homo sapiens<400> 4
W--> 22 <211> LENGTH:
W--> 22 <212> TYPE:
W--> 22 <213> ORGANISM:
E--> 22 <400> SEQUENCE:
22 gtaagtg
25 <210> SEQ ID NO: 5<211> 7<212> DNA<213> Homo sapiens<400> 5
W--> 26 <211> LENGTH:
W--> 26 <212> TYPE:
W--> 26 <213> ORGANISM:
E--> 26 <400> SEQUENCE:
26 gtaagcg
29 <210> SEQ ID NO: 6<211> 19<212> DNA<213> Homo sapiens<400> 6
W--> 30 <211> LENGTH:
W--> 30 <212> TYPE:
W--> 30 <213> ORGANISM:
E--> 30 <400> SEQUENCE:
30 gagaacaaca agattctgc
33 <210> SEQ ID NO: 7<211> 20<212> DNA<213> Homo sapiens<400> 7

20

7

7

19

19

See
next
page

10/05/1892

insert a hard return after each response

SEQUENCE LISTING<110> Rubin, Berish & Anderson,
Sylvia<120> Detection of Mutations in a Gene Encoding IKB Kinase-Complex-
Associated Protein to Diagnose Familial Dysautonomia<130> Rubin 201-KGB<160>
13 ↑ <170> PatentIn version 3.0<210> 1<211> 19<212> DNA<213> Homo
sapiens<400> 1

(sample of submitted file)

major format error - please contact Robert Wax
at 703-306-4119 or
703-308-4216
for assistance

pwj

Major format error - please contact Robert Wax
at 703-306-4119 or 703-308-4216
for assistance using a CDR3000 file
format. Please add in the <220> to <223> fields of
each sequence using a or Xaa.